**KemTRACE® brand Chromium-OR 0.04% Dry Mineral Supplement (0.04% Chromium from Chromium Propionate)**

**ITEM CODE**
018186

**DESCRIPTION**
A chromium supplement for adult horses, broilers and all classes of swine and cattle to be used in complete feed. Listed by the Organic Materials Review Institute (OMRI) for use in organic production.

**INGREDIENTS**
Calcium Carbonate, Organic Molasses and Chromium Propionate.

**QUALITY SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Guaranteed Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Chromium</td>
<td>(Cr) min - 0.04%; 400 ppm</td>
</tr>
<tr>
<td>Calcium</td>
<td>(Ca) min - 36%; 360,000 ppm</td>
</tr>
<tr>
<td>Calcium</td>
<td>(Ca) max - 40%; 400,000 ppm</td>
</tr>
<tr>
<td>pH of a 10% solution</td>
<td>7.0 – 9.0</td>
</tr>
<tr>
<td>Residue</td>
<td>Less than 5% (20 mesh screen)</td>
</tr>
<tr>
<td>Color</td>
<td>Green</td>
</tr>
<tr>
<td>Odor</td>
<td>Slightly acrid</td>
</tr>
</tbody>
</table>

**TYPICAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Good</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flowability</td>
<td></td>
</tr>
<tr>
<td>Bulk Density</td>
<td>60 – 90 lb/ft³</td>
</tr>
</tbody>
</table>

**INSTRUCTIONS FOR USE**

**HORSES:** KemTRACE Chromium-OR 0.04% Dry delivers 0.8 parts per million (800 parts per billion) chromium (from chromium propionate) when added and thoroughly mixed at the rate of 4 pounds per ton of horse feed.

**FEEDING RATE:** Adult horses should be fed at a rate not to exceed 4 mg of chromium per head per day.

**BROILERS:** KemTRACE Chromium-OR 0.04% Dry delivers 0.2 parts per million (200 parts per billion) chromium (from chromium propionate) when added and thoroughly mixed at the rate of 1 pound per ton of complete broiler feed.

**SWINE:** KemTRACE Chromium-OR 0.04% Dry delivers 0.2 parts per million (200 parts per billion) chromium (from chromium propionate) when added and thoroughly mixed at a rate of 1 pound per ton of complete swine feed.
CATTLE: KemTRACE Chromium-OR 0.04% Dry delivers 0.5 parts per million (500 parts per billion) chromium (from chromium propionate) when added and thoroughly mixed at a rate of 2.5 pounds per ton of complete cattle diets. Chromium propionate must be premixed with dry ingredients prior to adding to high moisture ingredients or forages.

**HANDLING AND STORAGE**

**STORAGE:** Store at room temperature. Rotate inventory. Do not cross-contaminate unsupplemented feeds.

**WARNING:** Do not breathe premix dust. Restrict use to responsible individuals. Dust from this product has been classified as a nuisance.

**CAUTION**

Follow label directions. Chromium from all sources of supplemental chromium cannot exceed 4 mg per horse per day, cannot exceed 0.2 parts per million of the complete broiler or swine feed and cannot exceed 0.5 parts per million of the complete cattle diet.

**MOLECULAR STRUCTURE OF KEMIN CHROMIUM PROPIONATE**

![Figure 1](image-url)

**CHEMICAL NAME & EMPIRICAL FORMULA OF KEMIN CHROMIUM PROPIONATE**

triaqua-(μ₃-oxo)hexakis(μ₂-propionato-O,O') trichromium propionate

\[
[\text{Cr}_3(\text{O})(\text{CH}_3\text{CH}_2\text{CO}_2)\text{H}_2\text{O}]\text{CH}_3\text{CH}_2\text{CO}_2
\]

**REFERENCE**

21 CFR 573.304

AAFCO Ingredient Definition 57.166

**PACKAGING**

25 kg bag